

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for redirecting data in a network, the network connecting a first gateway and a second gateway, wherein the first gateway comprises a first node and a third node and the second gateway comprises a second node and a fourth node, the method comprising:

receiving a first data to be transmitted over the network from a first workstation associated with the first gateway to a second workstation associated with the second gateway;

configuring the first node of the first gateway and the fourth node of the second gateway to send and receive data encrypted with a security protocol via a first tunnel, the security protocol comprising:

encrypting the address of the first workstation and the address of the second workstation, and

securing the data so that only the address of the first gateway and the address of the second gateway is available to other users of the network;

configuring the third node of the first gateway and the second node of the second gateway to send and receive data encrypted with the security protocol via a second tunnel;

configuring the first data to be transmitted between the third node of the first gateway and the second node of the second gateway via the second tunnel using the security protocol;

detecting a failure of the third node of the first gateway;

transmitting over the network an encrypted indication from [[a]]the first node
[[in]]of the first gateway to [[a]]the second node [[in]]of the second gateway that [[a]]the
third node [[in]]of the first gateway has failed; and

reconfiguring [[a]]the first data, the first data initially configured to be transmitted
over the network between the second node and the third node, to be transmitted over
the network between the fourth node of the second gateway and the first node of the
first gateway and the fourth node of the second gateway via the first tunnel using the
security protocol after the encrypted indication has been received by the second node of
the second gateway;

transmitting the first data over the network between the first node of the first
gateway and the fourth node of the second gateway via the first tunnel using the
security protocol.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Currently Amended) The method of claim [[4]]1, wherein the security
protocol comprises at least one of Secured Socket Layer (SSL), Secure HTTP
(SHTTP), Private Communications Technology (PCT), and IP Security (IPSEC).

6. (Canceled)

7. (Canceled)

8. Canceled)

9. Canceled)

10. (Canceled)

11. (Canceled)

12. (Previously Presented) The method of claim 1, wherein transmitting over the network the indication further comprising using Internet Key Exchange (IKE).

13. (Previously Presented) The method of claim 1, wherein the network comprises the Internet.

14. (Currently Amended) A system for redirecting data in a network, ~~the network connecting a first gateway and a second gateway~~ the system comprising:
a first gateway associated with a first plurality of workstations, the first gateway comprising a first node and a third node;

a second gateway associated with a second plurality of workstations, the second gateway comprising a second node and a fourth node,

wherein the first node of the first gateway and the fourth node of the second gateway are configured to send and receive data encrypted with a security protocol via a first tunnel, the security protocol comprising:

encrypting the address of a first workstation among the first plurality of workstations and the address of a second workstation among the second plurality of workstations and

securing the data so that only the address of the first gateway and the address of the second gateway is available to other users of the network; and

wherein the third node of the first gateway and the second node of the second gateway are configured to send and receive data encrypted with the security protocol via a second tunnel;

at least one [[an]] electronic processor that executes instructions comprising:

electronically executable instructions for receiving a first data to be transmitted over the network from the first workstation to the second workstation;

electronically executable instructions for configuring the first data to be transmitted between the third node of the first gateway and the second node of the second gateway via the second tunnel using the security protocol;

electronically executable instructions for detecting a failure of the third node of the first gateway;

~~a component~~ electronically executable instructions for transmitting over the network an encrypted indication from ~~[[a]]the~~ first node ~~[[in]]of~~ the first gateway to ~~[[a]]the~~ second node ~~[[in]]of~~ the second gateway that ~~[[a]]the~~ third node ~~[[in]]of~~ the first gateway has failed; and

~~a component~~ electronically executable instructions for reconfiguring ~~[[a]]the~~ first data, ~~the first data initially configured to be transmitted over the network between the second node and the third node,~~ to be transmitted over the network between ~~the fourth node of the second gateway and the first node~~ of the first gateway and the fourth node of the second gateway via the first tunnel using the security protocol after the encrypted indication has been received by the second node of the second gateway;

electronically executable instructions for transmitting the first data over the network between the first node in the first gateway and the fourth node in the second gateway via the first tunnel using the security protocol.

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Currently Amended) The system of claim ~~[[17]]~~14, wherein the security protocol comprises at least one of Secured Socket Layer (SSL), Secure HTTP (SHTTP), Private Communications Technology (PCT), and IP Security (IPSEC).

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Currently Amended) The system of claim 14, wherein the ~~component~~ instructions for transmitting over the network the indication ~~is further configured~~ include instructions for using Internet Key Exchange (IKE).

26. (Previously Presented) The system of claim 14, wherein the network comprises the Internet.

27. (Currently Amended) A computer-readable storage device on which is stored a set of instructions for redirecting data in a network, the network connecting a first gateway and a second gateway, wherein the first gateway comprises a first node and a third node and the second gateway comprises a second node and a fourth node, which when executed perform stages comprising:

receiving a first data to be transmitted over the network from a first workstation associated with the first gateway to a second workstation associated with the second gateway;

configuring the first node of the first gateway and the fourth node of the second gateway to send and receive data encrypted with a security protocol via a first tunnel, the security protocol comprising:

encrypting the address of the first workstation and the address of the second workstation, and

securing the data so that only the address of the first gateway and the address of the second gateway is available to other users of the network;

configuring the third node of the first gateway and the second node of the second gateway to send and receive data encrypted with the security protocol via a second tunnel;

configuring the first data to be transmitted between the third node of the first gateway and the second node of the second gateway via the second tunnel using the security protocol;

detecting a failure of the third node of the first gateway;

transmitting over the network an encrypted indication from ~~[[a]]the~~ first node ~~[[in]]of~~ the first gateway to ~~[[a]]the~~ second node ~~[[in]]of~~ the second gateway that ~~[[a]]the~~ third node ~~[[in]]of~~ the first gateway has failed; and

reconfiguring ~~[[a]]the~~ first data, ~~the first data initially configured to be transmitted over the network between the second node and the third node,~~ to be transmitted over the network between ~~the fourth node of the second gateway and~~ the first node of the first gateway and the fourth node of the second gateway via the first tunnel using the security protocol after the encrypted indication has been received by the second node of the second gateway;

transmitting the first data over the network between the first node of the first gateway and the fourth node of the second gateway via the first tunnel using the security protocol.

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Currently Amended) The computer-readable storage device of claim ~~[[30]]27~~, wherein the security protocol comprises at least one of Secured Socket Layer (SSL), Secure HTTP (SHTTP), Private Communications Technology (PCT), and IP Security (IPSEC).

32. (Canceled)

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Canceled)

38. (Previously Presented) The computer-readable storage device of claim 27, wherein transmitting over the network the indication further comprising using Internet Key Exchange (IKE).

39. (Previously Presented) The computer-readable storage device of claim 27, wherein the network comprises the Internet.

40. (Previously Presented) The method of claim 1, wherein the first data is prioritized based upon message type and network destination.

41. (Canceled)

42. (Canceled)

43. (Canceled)

44. (Previously Presented) The system of claim 14, wherein the first data is prioritized based upon message type and network destination.

45. (Canceled)

46. (Canceled)

47. (Canceled)

48. (Previously Presented) The computer-readable storage device of claim 27, wherein the first data is prioritized based upon message type and network destination.

49. (Canceled)

50. (Canceled)

51. (Canceled)